

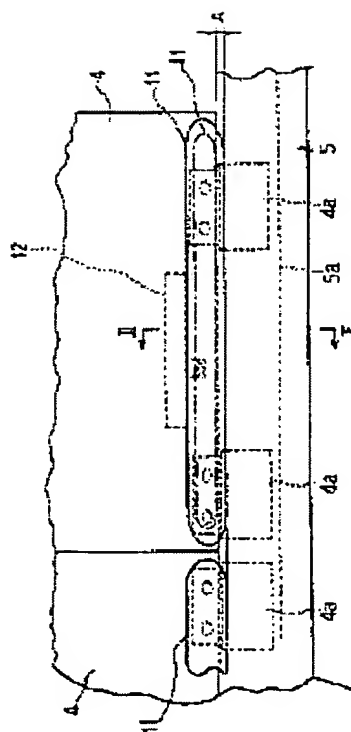
CAGE DOOR DEVICE OF ELEVATOR

Patent number: JP4129990
Publication date: 1992-04-30
Inventor: SAKAKIBARA KUNIO
Applicant: MITSUBISHI ELECTRIC CORP
Classification:
- international: B66B13/30; B66B11/02
- european:
Application number: JP19900248712 19900920
Priority number(s):

Abstract of JP4129990

PURPOSE:To more surely prevent a noise generated in a cage during running by providing an expandable/contractable bag-shaped noise-insulating unit in at least either one of a lower end part of a cage door and a doorsill of the cage.

CONSTITUTION:A bag-shaped noise-insulating unit 11, having a length almost equal to a door width further consisting of material, for instance, rubber of large thickness and metal-contained rubber or the like, is mounted to a lower end part of a cage door 4. When the cage door 14 is placed in or just before a fully closed condition by receiving a door closing command, fluid is introduced into the bag-shaped noiseinsulating unit 11 by a power device 12 to close a space A by expanding the bag-shaped noise-insulating unit 11. When a cage 3 is placed in stopping action by receiving a deceleration command, the bag-shaped noise-insulating unit 11 is contracted by its own contracting force or forcedly by the power device 12 to open/close the cage door 4 in a condition that the bag-shaped noise-insulating unit 11 is contracted.



Data supplied from the esp@cenet database - Patent Abstracts of Japan